

## PATENT APPLICATION

## ENSFRÉ UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Jacobson et al.

DOCKET: 8728-654 (YOR920030436US1)

SERIAL NO.: 10/731,840

**GROUP ART UNIT: 2825** 

FILED: December 9, 2003

EXAMINER: Dinh, Paul

FOR: SYSTEM AND METHOD FOR TOPOLOGY SELECTION TO MINIMIZE

LEAKAGE POWER DURING SYNTHESIS

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## **RESPONSE TO RESTRICTION REQUIREMENT**

Sir:

In response to the Office Action dated December 5, 2005, Applicants provisionally elect the claims of Species I (e.g., claims 1-31 and 38-40) with traverse.

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postpaid in an envelope, addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on January 4, 2006.

Dated: 1406

Richard D. Ratchford Jr.

While the claims of Species I and II may be distinct as set forth by the Examiner,

Applicants believe that simultaneous examination will not present an undue burden. For

example, the claims of Species I are directed to designing electronic circuits by

synthesizing a new circuit by selecting a topology based on its leakage sensitivities or by

an algorithm that incorporates leakage sensitivities of device topologies, and the claims

of Species II are directed to designing electronic circuits by using an HDL capable of

providing leakage sensitivities to a cell library. Further, restriction of election of species

is required if an application contains claims directed to more than a reasonable number of

species. See, 37 C.F.R. § 1.146. Here, the Examiner has identified two species. Under

such circumstances, the Examiner is encouraged to maintain all claims in the same

application. See, MPEP § 803.

Early and favorable consideration of the application is earnestly solicited.

Respectfully submitted,

 $\mathbf{R}\mathbf{v}$ 

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